LABDEX

Microwave Digestion System LX204MDS

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Description

Microwave Digestion System LX204MDS is an advanced and fully upgraded device with higher performance and a safer protection system. Equipped with an imported contactless IR sensor and pressure sensor monitoring system, along with a 7-inch LCD touchscreen display that indicates and controls real-time temperature and pressure of the sample solution in each vessel and shows the temperature and pressure scanning curve. Comes with electromagnetic protection features and is compatible with a high-level microwave leakage protection system.

Specifications

Vessel quantity	8
Temperature monitoring	Contactless IR sensor temperature monitoring Each vessel temperature controlled Temperature controlling range: 50-400 ℃ Max. Working temperature: 250 ℃ Temperature accuracy: ±0.1 ℃
Pressure Monitoring	Contactless sensor pressure monitoring Each vessel pressure controlled Pressure controlling Range: 0-15 Mpa Max. Working pressure: 6 Mpa Pressure accuracy: ±0.01 MPa
Vessel volume	100 ml
Sample vessel material	Imported TFM
Protection vessel material	PEEK + Glass fiber
Display	7 inches Color touch screen
Rotation	One direction 360° continuous rotating
Microwave cavity	316 L Stainless steel cavity with corrosion-proof coating
Microwave power	0-1000 W (Adjustable)
Microwave leakage	
Air exhaust	High power corrosion-proof air blower
Power	AC 220 VA ±10%, 10 A, 50/60 Hz
Packing dimension (L x W x H) and gross weight	710 x 640 x 840 mm, 70 Kg 510 x 440 x 320 mm, 15 Kg

Features

- 7-inch LCD touch screen display that indicates working parameters
- Comes with 8 position sample vessel, and the vessel material is an imported TFM with PEEK + Glass Fiber for protection of vessel
- Equipped with contactless IR sensor and pressure sensor, controlled temperature and pressure of in each vessel
- It has an explosion-proof 316 L stainless steel cavity that is covered in many layers of heat-resistant and anti-corrosive coatings, significantly extending, ensures the safety of operation
- High power turbulent air cooling design makes fast cooling

Applications

- Used in the food, textile, plastic, geology, metallurgy, coal, bio pharmaceutical, petrochemical, environmental.

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